

Joint EFCOG/DOE Chemical Management Workshop

March 14–16, 2006

Advancing Chemical Safety in the 21st Century

Topical Themes

- ❖ *Advances in Chemical Emergency Response; Control Banding; Global Harmonization Standard; and, Nanotechnology*
- ❖ *Industry Perspectives on Risk-Based Process Safety; Chemical Reactivity*
- ❖ *10 CFR 851 Worker Safety and Health Program*
- ❖ *Human Performance Initiative (Training)*
- ❖ *Beryllium Special Topics*

Sponsored by

EFCOG/DOE Chemical Safety Topical Committee (CSTC)
EFCOG Integrated Safety Management Working Group
(Chemical Safety and Life Cycle Management Task Team)
DOE Office of Environment, Safety and Health
DOE Technical Standards Program Office

Workshop Location

DOE Forrestal Auditorium (GE-086)
1000 Independence Ave. SW, Washington, D.C. 20585
And

Audio** and Video-linked to various locations throughout the DOE Complex
Reminder -- Please bring your DOE badge or obtain a visitor's badge upon arrival
[****LISTEN ONLY CALL-IN NUMBER** for all three days is: **301-903-6472** **]

Designated Hotel

<p>The Channel Inn 650 Water St., SW Washington, D.C. 20024 [Reservations: 1-800-368-5668 or 202-554-2400] [Room Block under #66615]</p>

Day 1 -- Tuesday, March 14, 2006

OPENING SESSION -- FORRESTAL MAIN AUDITORIUM (GE-086)

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8:30 – 11:30	Registration/Name Tags and Packet Pick-up	
9:00 – 9:05	Welcome/Opening Comments by EFCOG/DOE-HQ Co-Chairs	
	<i>Jim Morgan, Washington Savannah River Company./EFCOG/ISM/CS&LCM Task Group Chair</i>	
	<i>Bill McArthur, Director, Worker Protection Policy & Programs/EH-52/CSTC DOE Chair</i>	
9:05 – 9:20	DOE Corporate Welcome - “DOE’s Perspective on the Chemical Management Workshop”	
	<i>Russell Shearer, Principal Deputy Assistant Secretary for Environment, Safety and Health (EH-1)</i>	
9:20 – 9:35	EFCOG Corporate Welcome - “Looking at the Whole Picture: Chemical Life-Cycle Management”	
	<i>Dave Amerine, EFCOG Chair</i>	
9:35 – 10:05	“Defense Nuclear Facilities Safety Board View on Chemical Safety”	
	<i>Joseph Bader, Defense Nuclear Facilities Safety Board Member</i>	
10:05 -- 10:15	BREAK	
10:15 – 11:30	“10 CFR 851 Worker Safety and Health Program”	
	<i>Bill McArthur</i>	
	<i>Jackie Rogers</i>	
	<i>Phil Wilhelm</i>	
	<i>U.S. Department of Energy</i>	
11:30 – 12:30	LUNCH	
12:30 – 1:10	“The Chlorine Incident at Granitesville, SC”	
	<i>Richard Davis</i>	
	<i>Washington Savannah River Company</i>	
1:10 – 1:40	“Overview of DOE Order 151.1 on Hazard Ratings of Chemicals”	
	<i>Jim Powers</i>	
	<i>National Nuclear Security Administration</i>	
	<i>U.S. Department of Energy</i>	
1:40 – 2:20	“Global Harmonization Standard (Hazard Communication)”	
	<i>Jennifer Silk</i>	
	<i>Occupational Safety and Health Administration</i>	
	<i>U. S. Department of Labor</i>	
2:20 – 2:30	BREAK	
2:30 – 3:10	“Control Banding - What is it, How to use it, and What are the Limitations?”	
	<i>R. Niemeier</i>	
	<i>National Institute for Occupational Safety and Health</i>	
	<i>U.S. Department of Health and Human Services</i>	
3:10 – 3:50	“Nanotechnology - What we Know Currently About Potential Health effects from its Use”	
	<i>Sally Tinkle</i>	
	<i>National Institute of Environmental Health Sciences</i>	
3:50 – 4:30	“Nanotechnology - the Current State of Affairs”	
	<i>Andrew Maynard</i>	
	<i>Woodrow Wilson Center</i>	
4:30 – 4:40	Closing Remarks and Highlights of the Day’s Discussions/ Preview of Day 2	
	<i>Bill McArthur</i>	
	<i>U.S. Department of Energy</i>	

Day 2 -- Wednesday, March 15, 2006

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8:30 – 10:00	Registration/Name Tags and Packet Pick-up	
8:55 – 9:00	Welcome to Day 2	<i>Ron Eimer, U.S. Department of Energy</i> <i>Jim Morgan, Washington Savannah River Company</i>
9:00 – 9:30	“Recognizing the Value of the Near Miss in Risk-Based Decision Making”	<i>Carolyn Merritt, Chair and CEO, US CSB</i>
9:30 – 10:10	“Risk-Based Process Safety”	<i>Jack McCavit, CCPS Emeritus Member</i> <i>JL McCavit Consulting</i>
10:10 – 10:20	BREAK	
10:20 – 10:55	“Chemical Reactivity Management: An Overview”	<i>Pete Lodal, Eastman Chemical</i>
10:55 – 11:30	“Process Safety for Nanotechnology”	<i>Lisa Morrison, PPG Industries</i>
11:30 – 12:30	LUNCH	
12:30 – 1:30	“Chemical Biological Incident Response Force - Capabilities and New Equipment Initiatives”	<i>Paul Brochu</i> <i>Medical Service Corps</i> <i>United States Navy</i>
1:30 – 2:15	“Training: Human Performance Initiative”	<i>Earl Carnes</i> <i>U. S. Department of Energy</i>
2:15 – 2:35	CSTC project team reports	
	1) CSTC Project 2005-A Document Maintenance	<i>David Quigley, BWXT Y-12</i>
	2) CSTC Project 2005-B Life Cycle Chemical Management	<i>Jim Morgan, WSRC</i>
	3) CSTC Project 2005-C Reactive Chemistry	<i>Helena Whyte, LANL</i>
2:35 – 2:45	BREAK	
2:45 – 3:15	OPEN FORUM/DISCUSSION: What’s on your mind?	
3:15 – 3:45	Plenary Session	
	<ul style="list-style-type: none">• Discussion of CSTC Projects for 2006/Balloting and VOTE COUNT• Develop list of candidate CSTC projects for 2006 using submitted ballots• Discussion and selections from candidate list of 2006 projects	<i>Dan Marsick, U.S. Department of Energy</i> <i>Jim Morgan, Washington Savannah River Company</i>
3:45 – 4:15	Break-out Sessions	
	Participants to break-out rooms for 2006 team-building and project discussions:	
	<ul style="list-style-type: none">• Teams develop preliminary project descriptions, strategies, and proposed products	
	Break-out rooms and call-in numbers:	
	<i>Main Auditorium</i> [301-903-6472], <i>GH-019</i> [202-287-1341], <i>GH-027</i> [301-903-6084]	
4:15 – 4:45	Plenary Session	
	All CSTC Projects for 2006 -- Team Report-Outs	
	<ul style="list-style-type: none">• Designations of CSTC 2006 Projects, Teams and Team Chairs• New Project Preliminary Titles/Goals/Descriptions of Proposed Products	<i>Ron Eimer/Dan Marsick, Facilitators</i> <i>CSTC 2006 Project Team Chairs</i>
4:45 – 4:55	Closing Remarks	<i>Ron Eimer/Jim Morgan</i>

Day 3 -- Thursday, March 16, 2006

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Beryllium Topics

8:30 – 8:35	Welcome to Day 3	<i>David Weitzman</i> <i>U.S. Department of Energy</i>
8:35 – 9:05	"Current DOE Beryllium Operations Safety and Health Research"	<i>Kathryn Creek</i> <i>Los Alamos National Laboratory</i>
9:05 – 9:35	"Statistical Analysis of Beryllium in Settled Dust"	<i>Paul Wambach</i> <i>U.S. Department of Energy</i>
9:35 – 10:05	"Screening for Legacy Beryllium Contamination in Low-Risk Facilities"	<i>Kathy Ertell</i> <i>Pacific Northwest National Laboratory</i>
10:05 – 10:15	BREAK	
10:15 – 10:55	"Beryllium Analytical Improvements Being Pursued by the Beryllium Health and Safety Committee"	<i>Mike Brisson</i> <i>Washington Savannah River Corporation</i>
10:55 – 11:30	"A Statistical Survey for the Presence of Beryllium in an LLNL Engineering Facility"	<i>Harvey D. Grasso</i> <i>U. S. Department of Energy Livermore Site Office</i> <i>George P. Fulton</i> <i>Lawrence Livermore National Laboratory</i>
11:30 – 12:10	"Airborne Release Fractions and Health Effects for Beryllium During Facility Accidents"	<i>J.C. Laul</i> <i>Los Alamos National Laboratory</i>
12:10 -- 12:15	Closing Remarks	<i>David Weitzman</i>